

H2-0109M REPORT (General Tasks)

Site: Manus

Dates on site: 06Sep to 10Sep

Team Members:

- Troy Culgan
- Grant Jeffrey

TASKS PERFORMED

1. H2 Generator Maintenance

06Sept

- Installation valving/piping for Hydrogen/Helium bottle launching with RBL commenced.

07Sep

- Installation valving/piping for Hydrogen/Helium bottle launching with RBL progressing.
- First Balloon gas flight results: Fill time 4 min 20 sec; Height at 10 min = 3169 meters.
- Electrolyser maintenance and training progressing

08Sep

- Installation valving/piping for Hydrogen/Helium bottle launching with RBL complete.
- Commercial Hydrogen storage racks and earthing system to completed. RESET 14?
- Electrolyser maintenance and training progressing.

09Sep

- Electrolyser maintenance complete.

2. Solar Tracker Activity

06Sept

- Conduit for AC power for K&Z did not arrive, however there is some 40mm conduit on site that will suffice. Junction boxes and K&Z pedestal and stand have not cleared customs as yet, Dick Pearce will clarify tomorrow.
- Brusag tracker appears operational.

07Sep

- Junction boxes should have tomorrow. K&Z pedestal will arrive Sunday.
- Brusag tracker appears operational.

08Sep

- Junction boxes have arrived. K&Z pedestal will arrive Sunday.
- Brusag tracker appears operational.

09Sep

- K&Z installed in overcast conditions, unable to determine accuracy of

tracking.

- Brusag tracker appears operational.

10Sep

- K&Z installed in overcast conditions, unable to determine accuracy of tracking.
- Brusag tracker appears operational.

3. MPL Repair

07Sep

- MPL physically installed, will liaise with Connor Flynn for operations Saturday.

08Sep

- MPL appears operational; shutter timing does not seem to be correct.

09Sep

- MPL appears operational; shutter timing seems ok now.

10Sep

- MPL appears operational; shutter timing seems ok now.

4. ISS

06Sep

- Broken cable to NOAA GOES antenna from trenching excavation for K&Z and TSI power line.

10Sep

- Broken cable to NOAA GOES antenna, temporary repair.